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Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire SAMSUNG ELECTRONICS CO., LTD. ✓	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
(1) X ✓	WO 99 10530 A (CLARKSON JOHN MICHAEL ; COBB BENJAMIN DAVID (GB); MOLECULAR SENSORS) 4 March 1999 (1999-03-04) * page 9 - page 12; figure 7 *	1-6	C12Q1/68 G01N27/02 //B01L3/00
(2) X ✓	WO 01 81619 A (ARNETH ALFONS ; ARNETH BORROS (DE)) 1 November 2001 (2001-11-01) * the whole document *	1-6	
(3) X ✓	WO 01 59154 A (COBB BENJAMIN DAVID ; MOLECULAR SENSING PLC (GB)) 16 August 2001 (2001-08-16) * the whole document *	1-6	
(4) D, A ✓	US 2002/072054 A1 (BELGRADER PHILLIP ET AL) 13 June 2002 (2002-06-13) * the whole document *	1-6	
(5) A ✓	WO 01 42508 A (GASKIN MIKE ; CHOONG VI EN (US); GALLAGHER SEAN (US); LI CHANGMING) 14 June 2001 (2001-06-14) * the whole document *	1-6	

The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
EPO FORM 1503 03.82 (P04C01)	THE HAGUE	13 January 2004	Osborne, H
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 0611

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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13-01-2004

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9910530	A	04-03-1999		CA 2300868 A1 CN 1267336 T EP 0990050 A1 WO 9910530 A1 JP 2001514376 T		04-03-1999 20-09-2000 05-04-2000 04-03-1999 11-09-2001
WO 0181619	A	01-11-2001		DE 20007378 U1 DE 20007376 U1 DE 20013567 U1 DE 20018005 U1 AU 5611501 A WO 0181619 A2		10-08-2000 24-08-2000 04-01-2001 22-02-2001 07-11-2001 01-11-2001
WO 0159154	A	16-08-2001		AU 3201901 A WO 0159154 A2		20-08-2001 16-08-2001
US 2002072054	A1	13-06-2002		NONE		
WO 0142508	A	14-06-2001		US 2002051975 A1 US 2002064775 A1 AU 2907201 A CA 2393733 A1 EP 1238114 A2 JP 2003516165 T WO 0142508 A2 US 2003096283 A1		02-05-2002 30-05-2002 18-06-2001 14-06-2001 11-09-2002 13-05-2003 14-06-2001 22-05-2003